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~~Description of the Figures~~

Figure 1 shows the effect of addition of IL-12 during the priming of naïve T-cells. IL-12 stimulates the production of type 1 T-cell cytokine IFN-gamma, but inhibits the production of the type 2 T-cell cytokines IL-4 and IL-5.

Figure 2 shows an FACS analysis of MAb 3H4 on Hut78.8 cells. 100,000 cells were incubated with MAb 3H4 in titration followed by detection with an anti-mouse FITC-labeled antibody.

Figure 3 shows a FACS analysis of MAb 3H4 on Hut78.8, JY, and Jurkat cells. 100,000 cells were incubated with MAb 3H4 (500ng) followed by detection with an anti-mouse FITC-labeled antibody. In each graph, the overlay depicts the control incubation of secondary antibody in the absence of MAb 3H4.

Figure 4 shows a FACS analysis of MAb 3H4 on naïve T-cells (control), naïve T-cells after stimulation for three days with PMA (1ng/ml) and ionomycin (1µg/ml) and on naïve T-cells after stimulation for three days with PHA (1ng/ml), IL-12, and anti-IL4. After culture, 100,000 cells were incubated with MAb 3H4 (500ng) followed by detection with an anti-mouse FITC-labeled antibody. In each graph, the overlay depicts the control incubation of secondary antibody in the absence of MAb 3H4.

At page 13, please delete the "Description of the Figures" section.